



# Pay-As-You-Throw in Torrington

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## Unit Pricing of Municipal Solid Waste

# LEVEL OF SERVICE

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- Services included in tax base.
  - TIPPING FEE for residential, commercial and industrial properties.
  - Residential curbside solid waste & recyclables collection.
  - Spring and fall yard waste collection.
  - HHW drop-off days (two per year).
  - Drop-site recycling (automotive batteries & waste oil).

# RESIDENTIAL SERVICE

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- Service included in tax base:
  - 100% of tipping fees
  - Weekly curbside solid waste collection
  - Weekly curbside recyclables collection
  - Weekly non-Processible collection
  - Yard waste collection
    - Spring – two weeks
    - Fall – six weeks
  - Christmas tree collection – one week in January

# RESIDENTIAL ITEMS NOT COLLECTED

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- Bulky waste (construction & demolition debris)
- Hazardous waste (bi-annual household hazardous waste days held for drop-off)
- Miscellaneous wastes: (tires, automotive batteries, medical wastes)

# RESIDENTIAL PROPERTIES SERVED

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- Single family:                      8,078                      8,078 units
- Multi family:                      1,864                      4,113 units
- Condos:                      1,658                      1,658 units
- Total properties:                      11,598                      13,847 units

# COMMERCIAL LEVEL OF SERVICE

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- 100% of tipping fees in tax base.
- Payment of tipping fees for non-residential users is unique to northwest Connecticut.
- Nationwide, commercial properties typically pay 100% of their own tipping fees.

# COMMERCIAL PROPERTIES SERVED

• Multi-family:	274	1,330 units
• Commercial:	1,512	1,512 units
• Industrial;	141	141 units
• Tax exempt:	<u>311</u>	<u>311</u> units
• Total served:	2,238	2,238 units

# TIPPING FEES

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- Municipal solid waste: \$50.00/ton
- Non-Processible waste: \$60.00/ton
- Bulky waste: \$69.00/ton
- Leaves (@500 lbs/cy): \$30.00/ton
- Recyclables: \$ 0.00/ton



# TORRINGTON'S ANNUAL SOLID WASTE DISPOSAL

- Total MSW generation: 35,000 tons
- Total recyclables: 5,400 tons
- Net MSW disposal: 29,600 tons
  
- Recycling rate: 15.5%
  
- CRRA commitment: 23,000 tons

# RESIDENTIAL RECYCLING RATE

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- Total MSW generation: 35,000 tons
- Resid. Share of generation: 43%
- Resid. Share of disposal: 39%
  
- Annual Resid. MSW: 15,200 tons
- Annual MSW disposal: 11,525 tons
- Annual recyclables: 3,675 tons
- Resid. Recycling rate: 24.2%

# COMMERCIAL RECYCLING RATE

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- Total MSW generation: 35,000 tons
- Comm. Share of generation: 57%
- Comm. Share of disposal: 61%
  
- Annual comm. MSW: 19,800 tons
- Annual MSW disposal: 18,075 tons
- Annual recyclables: 1,725 tons
- Comm. Recycling rate: 8.7%

# ANNUAL SOLID WASTE MANAGEMENT COSTS

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- Refuse collection: \$ 642,000
- Recyclables collection: \$ 406,000
- Tire disposal: \$ 150,000
- MSW disposal: \$1,550,000
- Special wastes: \$ 25,000
- HHW disposal: \$ 10,000
- Total costs: \$2,783,000

# ANNUAL RESIDENTIAL SOLID WASTE COSTS

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- Refuse collection: \$ 642,000
- Recyclables collection: \$ 406,000
- MSW disposal (39%): \$ 605,000
- HHW disposal: \$ 10,000
- Total residential cost: \$1,663,000

# ANNUAL COMMERCIAL SOLID WASTE COSTS

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- Tire disposal: \$ 150,000
- Special waste disposal: \$ 25,000
- MSW disposal (61%): \$ 945,000
- Total commercial cost: \$1,120,000

# SOLID WASTE COSTS WITHOUT PAYT

- Maintaining Torrington's current level of service and recycling rates will result in increases in our solid waste management costs.
  - Every year fewer companies are available to bid on solid waste services.
  - Addition of curbside non-processible collection will result in increased costs.
  - Pending closure of the Hartford landfill will result in increased costs.
- Future solid waste management costs will only increase.

# SOLID WASTE COSTS WITH PAYT

- Implementing a PAYT system will result in savings in solid waste management costs for Torrington.
  - Increases in recycling participation and rates directly saves in the cost of disposal.
  - As disposal costs increase, the value of increased recycling also increases.
  - Better control and management of solid waste disposal costs will minimize illegal disposal.



# PROJECTED SAVINGS WITH PAYT

Total MSW Generation: 35,000  
Average Disposal Cost: \$52.36/Ton

<u>Recycle Rate</u>	<u>Disposal Tons</u>	<u>Disposal Cost</u>	<u>Projected Savings</u>
15.5	29,600	\$1,550,000	\$ 0.00
20	28,000	\$1,466,000	\$ 84,000
25	26,250	\$1,375,000	\$175,000
30	24,500	\$1,283,000	\$267,000
35	22,750	\$1,191,000	\$359,000
40	21,000	\$1,100,000	\$450,000
45	19,250	\$1,008,000	\$542,000
50	17,500	\$ 916,000	\$634,000

# WHY IS TORRINGTON A GOOD CHOICE FOR PAYT

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- Strong curbside collection and recycling infrastructure.
- Current waste hauler experienced with PAYT programs.
- Single waste hauler currently under contract for curbside collection.
- Curbside collection program to be re-bid in 1.5 years.
- Collection and disposal costs projected to increase.

# GOALS IN IMPLEMENTING A PAYT SYSTEM

- Save money.
- Provide equity in solid waste management costs.
- Encourage MSW reduction and increase recycling rate.
- Increase level of service.
  - Continue complementary programs.
  - Expand our drop-site recycling center.
    - Businesses and residents recyclables drop-off.
    - Bulky (C&D), non-processibles and yard waste drop-off.
- Keep the program simple.
- Formation of a solid waste PAYT committee to investigate and implement system.

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